	Year: Month: Day:()
1	1-1 graph
2	
3	1) y = Sec 21 , y C + C y d g 21 = Se C 21 d 21, (+ C, d g 91)
5	Cy+cydga+Cysecar=dynsecar-y(c,+cydga).
7	seculdga-(,y.seca) xJ, y'(c,y+c,ydga)=
9	y secon (dga - C, y secon) D, E, y secon (dga - C, y secon) =
11	segn (c, vio), y'- ydgn-c, y' secon de y'- j'dgn + y secon
13	-TC- Ty'secon - Cy j'secondgn-, (-Cysecon)(ry'+ydgn)=
15	y" y'tgn-y sec'a , c, y'sech=y(y'-y'dgn-ysec'a) (E)
17	y-ydgn= 7y-4ydgn-ysec'an, ry'- ryydgn+yydgn ty'+ydgn
	- g'dgten = yy"- yy'dgen - y'sec!u -> yy"- ry' - y'(dgten - secten)
21	$\frac{\sin n}{\sin n} = \frac{1}{\cos^2 n} = \frac{\sin n}{\cos^2 n} = \frac{1}{\cos^2 n} $
23	
24	
25	
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	Subject: Month: Day: ()
r) j: C,21 + C, sinn + n -> y'= C+ C (0521 + Ton	-> j" = - C 5111 2 + Y -> 1
C Sinn: r.y" D.O. yz (n+r.y", nr	(, 21 - 21y - 26, (0521 - 12) 3
> (21 = 21 y' - 21 (+ - y') (05 21 - 12 t) (). (4)	4
- Tn'+ n' + r-y", ysiun = y'nsiun - rucos	
+ (r-y") sing > y" (an (05 an - sing) + y' (an sing	8
21 5142 + Y2. (052 - Y51/24)	11
بخس ا ـ دا	the state of the s
T) y: (u (dga+c) - y'= 1+dgra - dga+c	$+ C = \frac{1 + dg^{2}q}{4} \Rightarrow \frac{13}{4}$
e' = 1+dg'a y' = -e' dy =	-ey , -dyey - damos 800
$s \rightarrow e^{-\frac{1}{2}} = \frac{1}{r} \left(q_1 + \frac{1}{r} \sin r q_1 + c \right) \rightarrow e^{-\frac{1}{2}} = \frac{q_1}{r}$	7 SINTN + K 18
	19
	20
	22
	23
	24
	TANDIS

de Csing dr -- r dt · Lux = Lu do - Lu 1 - sin θ x sin θ cos θ c , r c(rsin θ) yr c(1-cos θ) 21 + 0, 0/kg, de 0, 1kg, -90/kg, -> 4-20 0,0/K = 4,0,1 U= -0,0/h 1 (S-0,01Ke + C) - u= 1 (-0,11Ke $e^{0,1}$ $\begin{cases} 0,1 = -0,1k + C \\ \frac{1}{4} = -0,1k + C \\ e^{0,1} \end{cases}$ $e^{2i!}$ $e^{2i!}$ 21 2 = a(F) - d + - [91] والدر على د كورى د

TANDIS

	ar: Dav: ()
4) & de , d. Q = 1.0, de + 1.0 = +	(d) (d) = e 1
[.t] = -1.t (ST.e'd+C) = e	
Q=+(e-1.2 (0,d) (-1.2) (-1.2)	old I - 1. e 5
	8
v) dI _ I dl , L d I , Q , L I	11 0 = 0 10 dQ C
(17) dI Q dQ = 5, L I' - Q' Q	
	:SId + = 1
S + 1	$I = \frac{o(Q)}{o(d)}$
$\frac{1 - 0}{540} \sin\left(\frac{t}{500}\right)$] I
	20
	22
	24

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	Subject:
. 1	1) - Ter dh = avold , - Ter dh = ak Josh dt ,
2	-R Rh dh = ak Trgh dd , -RR h dh = dt 5, ak + Jrg
	Hr akt Jag
4	T. TRH TITER STH
5	a H ak sta sak 9
6	N
	Y Y L Y L Y CHE
8	
10	1) 4(21) 4(21) 4(11)
10	
11	\[\begin{align*}
12	
13	[-1.07 -) (,u(n) (u) (u)
14	(0717) (+ (21°) (+ (2
16	(p+(pn pc+ Cp sn pc)
17	
18	(+ (n + C + C + C , 2 -) (- C , C = TC [-1.
19	CE I I
20	(+ C+ (C, -, (C, C)) 2 = 0 (0, 1) [C, = C, = C, = 0]
21	1 = C = C Level
22	[-1.3]
23	[- 20] 1+20 (1+20
24	W(2) = 52 0 62 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
25	491 0 491
2013	TANDIS 2000 (00170)

Year: Month: Day:)
4) y" dy + (n+4) y . o silitaristico di viga y . o	1
P(a) 4(a)	114
ه پور اب سی قعر وجودویک می برقرارات	4
(2. singe of ourse to city ours I la singe circules	5
{21 sin 91 , 0}, oispo, to a Cici i cieno, Cola sin en cipiando	6
	7
11 : 17 p. po wi : Up 4 24	9
() : UZBBDUJ: UZZZZZ	10
$(y, tC_{y})_{y} = j_{y} \rightarrow (-C_{y}) \rightarrow [j_{y} = y, t]_{y}$	11
Curl (=1, (=-1) JE=9,-9+ L JE=9+-71	12 1 13
په د طارسه سې اي هم هم	14
(elicarily p : 4) / (15
$\frac{gr}{dn}$, $\frac{gr}{gr}$, $\frac{gr}{gr}$, $\frac{gr}{gr}$, $\frac{gr}{gr}$, $\frac{gr}{gr}$	16
J. (J.)	17
40(21) 4,(21) - 4(21) 4x(21) =0 => W(21) 20 11/2/2/2/2) =>	18
	19
) ((a) = 0 (a) (20
	21
	22
	23
	25

	Subject:
1	
3	Py' + 9y = -y" P + 9 (9-1) = 0
5	$\begin{cases} P+q=1 \end{cases}$
6	2+92+9=0-921=1 > 9= 1
9	$\begin{cases} 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 & 1 $
10	and and
12 1/2 13	
14	
16	
18	
19	
21	
23	•
25	TANDIS